

**SOCIETY OF ARCHITECTS • AUG. 1959 • 50c** 



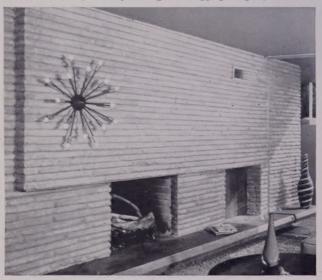
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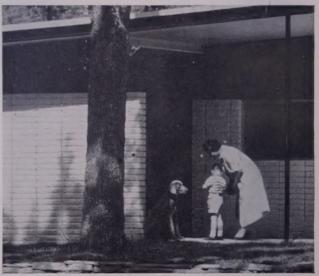
Raked horizontal joints emphasize ground-hugging design of this house



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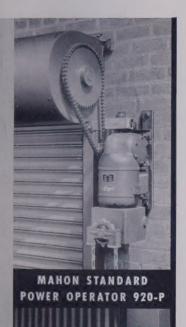
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### Document of the Month

OCCUPATIONAL GUIDE NO. 21 -ARCHITECT has been designated "Document of the Month" by The American Institute of Architects, Chapter Affairs Committee, it is announced by Paul R. Hunter, FAIA, of Los Angeles, Commit-

In a letter accompanying the booklet sent to the Institute's 250 chapters, state associations and other affiliates, Hunter stated, "the original manuscript for this monograph was prepared by the Detroit Chapter, A.I.A. Additional credit is also given the Michigan Society of Architects, the Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors, the College of Architecture and Design, University of Michigan and the School of Architecture, University of Detroit.

"In this booklet the presentation of architecture as a vocation is simple and comprehensive . . . The Committee believes that comparable cooperation in other states between our architectural organizations and state government might be beneficially productive."

The booklet was published as one of a series by the Michigan Employment Securities Commission, Employment Service Division, affiliated with the United States Employment Service.

POSTMASTER GENERAL ARTHUR E. SUMMERFIELD issues some tips about your mail which can help make your vacation more pleasant:

- 1. Don't let a stuffed mail box advertise your absence to housebreakers. Ask a neighbor to empty your box and hold your mail. If this cannot be arranged, your postmaster may hold your mail for a limited time upon written request.
- 2. If you want to get your mail while

you're away, file a forwarding order with your postmaster. (Let him know when you get back, though. Forwarding first class mail does not require additional postage. Other classes will need more postage, but you can guarantee payment of this postage by so indicating on the forwarding order you fill out.)

- 3. Use your full and complete vacation address and give it to people who may write you.
- 4. Use enough postage. Regular size post cards take 3c, jumbo size cards 4c, first class letters 4c an ounce.
- 5. Don't send cash in letters; use postal money orders, and register letters containing valuable items.
- 6. Package carefully. When sending perishable, fragile, or unusual items by parcel post, it is best to check the local post office on their mailability.
- 7. Buy books of stamps at the nearest post office to avoid unnecessary return trips.

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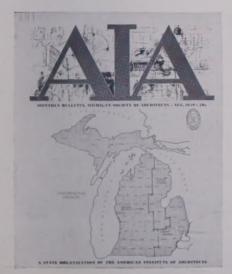
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### Monthly Bulletin, Michigan Society of Architects, Volume 33, No. 8

including National

### Architect

THE COVER-Paris Street Scene. Map of Michigan showing Congressional Districts and AIA Chapter areas.



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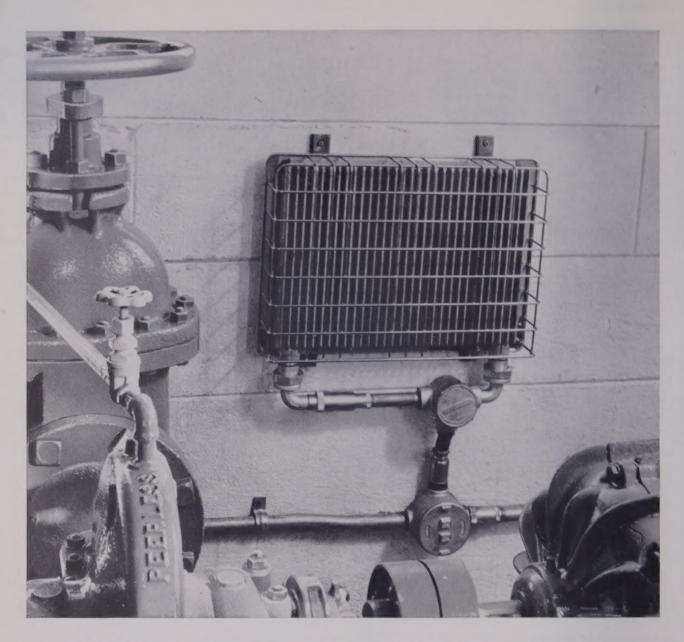
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# **EXPLOSION-PROOF HEATING!**

Electric heaters help protect water supply of Fraser, Michigan

The water supply for the city of Fraser depends on deep wells. But the wells also produce highly explosive natural gas, endangering both the station and water supply should it ignite.

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## ARCHITECT\*

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# PROFESSIONAL RESPONSIBILITY

The young person who chooses architecture as a career has a rather copious schedule ahead of him. The question is sometimes asked if there are any shortcuts. There are not. Time was when there were self-made architects. There had to be before there were any architectural schools.

Today most accredited architectural schools have five-year courses, and an architect, like a doctor or lawyer, should have a good general education before starting his professional studies. Many take post-graduate courses, then travel and study in foreign countries.

During college, it is desirable that the architectural student be a member of a student chapter of The American Institute of Architects, and this membership should be converted to associateship in the parent A.I.A. chapter after graduation.

Many state examining boards now have examinations for architects-intraining, permitting candidates to take their academic subjects immediately following graduation

One of the most difficult jobs is that of gaining experience. It is said that one can't get a job until he has had experience and he can't get experience without a job. However, the stronghearted ones find a way.

After the required number of years of experience, one is qualified to take the examination to become registered as an architect. In most cases, a refresher course is advisable in preparation.

When one has passed the examination and has been issued a certificate

to practice, there rests on him grave responsibilities. Most of these can best be discharged through his professional societies — The American Institute of Architects, its chapters and state societies and the National Council of Architectural Registration Boards.

In the words of N.C.A.R.B., "Standing in a profession is rated by the way in which one is regarded by his professional compeers. High regard may be evidenced by direct testimony, by election to important posts, by honors conferred, or by election to membership in professional societies. Unfavorable regard may be evidenced by expulsion from societies, refusal to elect to societies, honors denied, or by direct testimony.

"Professional contacts are necessary to well-rounded professional equipment. One who neglects or refuses to identify himself with established societies of his profession is open to the imputation of being afraid to meet his equals on common ground. Such persons are likely to be behind the times in knowledge of common practice. The same imputation implies if one does not follow with care the material presented by the professional press."

All states, the District of Columbia and U.S. possessions now have architectural registration laws. Because of states' rights, there can be no national registration. However, the states, while autonomous, have joined together to form the National Council of Architectural Registration Boards, which functions as a coordinating body and clearing house, particularly with regard to interstate registration of architects. N.C.A.R.B. performs many other services of value to architects, which have been described in our previous issues.

In England and in Canada, architectural registration is directly connected with the architectural societies—R.I.B.A. and R.A.I.C., therefore they do have national registration.

Our registration laws were the result of architects' initiative, not something foisted upon them. The design and construction of important buildings made

it obvious that control should be exercised over those in charge of such projects, to protect the life and health of the public and to insure safety. Events prior to such enactments demonstrated the need for such regulations.

N.C.A.R.B. collates and verifies records of education, experience and attainments in architectural practice.

Acts as a clearing house for matters of importance to registration authorities, including legal decisions, examination subject matter, and administrative problems.

Gives advice to applicants concerning admission to the Standard N.C.A.R.B. Examinations.

Assists State Boards in examination and registration procedure in the several States.

Maintains a file of all registration laws and application forms in use in each of the States.

Facilitates registration in any State for holders of the National Council Certificate.

Serves architects who are not holders of the National Council Certificate by assisting them in properly presenting complete credentials for registration in the various States.

Files and maintains a complete library of Council Records for architects of the various States.

Issues a National Council Certificate to each architect registered by the Standard N.C.A.R.B. Examinations.

Approves Mentors and maintains advisory contact with them.

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One of the best investments an architect can make is to become registered by the National Council of Architectural Registration Boards, and he should not wait until he needs such registration before applying. Jas. H. Sadler, A.I.A., Executive Director of N.C.A.R.B., will be glad to answer your questions and send you an application form if you will write the Council office at 418 Commerce Exchange Building, Oklahama City 2, Oklahama



KROGER BUILDING, Cincinnati, Ohio. Owner: R. E. Dumas Milner. Architects and Engineers: Hedrick and Stanley, Fort Worth, Texas. Plumbing Contractor: Sam P. Wallace & Company, Cincinnati, Ohio.

## New Kroger Building to feature over 400 Briggs Beautyware fixtures

Water closets, lavatories, drinking fountains, urinals, sinks—415 fixtures in all will equip the new 25 story Kroger Building in Cincinnati. And all will be Briggs Beautyware, for good reason. The architects selected Briggs Beautyware with an eye to the lustrous durability of Briggs vitreous china, its immaculately sculptured styling, its carefully worked out functional features.

These same advantages can apply to your commercial and institutional work. Specify from the complete, easy-to-work-with line designed for Briggs by Harley Earl, Inc. It is hand-crafted in high density vitreous china for years of maintenance-free operation. It is rigidly controlled in quality to assure you that it will meet every requirement. Specify Briggs Beautyware—the brand that makes the difference!



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Briggs Mercury Drinking Fountain is semi-recessed, features angle-stream, anti-squirt, chrome-plated bubbler head.



Briggs Sultan Water Closet gives the advantage of wall-hung installation plus syphon jet and elongated bowl.



BEAUTYWARE

### AT THE 91st ANNUAL CONVENTION IN NEW ORLEANS

Photographs taken by E. James Gambaro, FAIA, Brooklyn Chapter



Alexander C. Robinson, III.
FAIA, of Cleveland, Ohio. Past
Chancellor of the College of
Fellows, and Roy F. Larson,
FAIA, of Philadelphia, Present
Chancellor



Polly Shackleton, on the staff at the Octagon, as editor of the Memo. Note the headlines on the EXTRA, "Polly Shackleton Charms New Orleans." This was a stunt by Jimmie Gambaro





Edmund R. Purves, FAIA, Executive Director of The American Institute of Architects, and Mrs. Purves. In the background is Carlos Contreras, Honorary FAIA, of Mexico



Harry M. Prince, FAIA, President. New York State Association of Architects; L. Bancel LaFarge, President, New York Chapter, AIA (center), and Trevor W. Rogers, Regional Director, AIA for the New York District



E. James Gambaro, FAIA, of the Brooklyn Chapter, AIA; Robert M. Cutler, FAIA (center), N.Y. Chapter, and John Noble Richards, FAIA. President of The American Institute of Architects



Harry M. Prince, FAIA and Mrs. Prince



Matthew W. Del Gaudio, FAIA, of New York City, and Mrs. Del Gaudio



Edwin Bateman Morris. FAIA and his wife Faith. famed for their Scrapple Breakfasts



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# Projects in the News

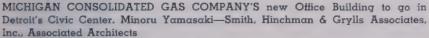


LINWOOD STATE BANK, Kansas City, Mo. Luther Orville Willis, AIA, Architect, K.C.

AT RIGHT are shown five Overlook Visitors Buildings at TVA. Harry B. Tour, FAIA, Head Architect



NEW SCIENCE BUILDING, Wayne State University, Detroit. Albert Kahn Associated Architects & Engineers, Inc. Walter B. Sanders, AIA, Design Consultant













Power Instalation for Detroit Edison Company St. Clair Plant (O. W. Burke, Gen. Cont.)

This is thingled advances, engineering progress, and improved codes a mag the distinction makestry, make it vital for a company like ourseled to the control of the control

The 2. Chromium, 1% Molybdenum piping being welded at Detroit Edison in the standard point of the St. Clair Power Plant, although extending from the standard point of the St. Clair Power Plant, although extending from the standard point of th

it is a standard of the highest standards completed in a most efficient, with the highest standards completed in a most efficient, with the highest standards of the highes

We welcome the opportunity to bid on your power-plant piping, ndustrial piping, plumbing, heating, or ventilating construction loss . . . arge or small.

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SPITZLEY-RETTENMIER
SHEET METAL COMPANY



I The Court of the Space

# Projects in the News

ADRIAN WILSON & ASSOCIATES, of Los Angeles, Calif., were architects for this new \$6-million-dollar aluminum dome-crowned convention center in Las Vegas, Nev., which will enable the city to handle major conventions. The dome, covering a hall seating 8,000 persons, was erected by Apex Steel Corporation, Ltd., Los Angeles, and Reynolds Metals Company, the aluminum supplier.





ARCHITECT WILLIAM T. GABRIEL. AIA, designed this 1200-sq. ft. house for Sandusky Development Company in Sandusky, Ohio.

Features are two sections in the roof overhang made of Structoglas fiberglas reinforced panels made by Structoglas Division of International Molded Plastics, of Cleveland, Ohio.

ARCHITECTS S. J. KESSLER & SONS' drawing of "Alumarama" at Fire Island Pines, on the bay, at Saville, Long Island, N.Y.

The building, mostly of aluminum by Reynolds Metals Company, was opened on July 4, less than four weeks after fire destroyed "Land's End," a marine inn, formerly on the site. It is owned by Peggy Fears, ex-Broadway star.







### SPENCER Vacuslot System

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Sanitation will be superior . . . mops vacuum cleaned at the Vacuslots . . . hence no possible recirculation of dust and germs.

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### Illinois Bldg. Alliance

Representing organizations in various facets of Illinois' \$3-billion building industry, the group at left are founders. consultants, and interested observers aiding in the formation of the Illinois Building Industry Alliance.

LEFT TO RIGHT, FRONT ROW: Gone C. Davis, Chicago, of the law firm Isham, Lincoln and Beale: Paul R. Lauschke, president of the Builders' Association of Chicago, Associated General Contractors of America: Meredith G. Jensen, Chicago, representing the Chicago Chapter of the Producers' Council of which he is president; Charles F. Behrensmeyer, IBIA pro-tem president, Quincy, Illinois, vice president of Architects Association of Illinois: Harold B. Larson, IBIA pro-tem vice president. Rockford, Illinois, chairman of the Illinois State Council of the Associated General Contractors of America: R. C. Dickerson. Urbana, representing the State Council of the Associated General Contractors of America.

BACK ROW, LEFT TO RIGHT: J. Stewart Stein, Franklin Park, Illinois, former president of Construction Specifications Institute: H. Mayne Stanton, Chicago, secretary-manager, Builders' Association of Chicago, Associated General Contractors of America: E. G. Hart, Chicago, president of Chicago Building Congress: Philip Will, Jr., Chicago, first vice president of American Institute of Architects: John R. Fugard, Jr., Chicago, president, Chicago Chapter, American Institute of Architects: H. E. Hilton, Springfield, former executive secretary, Central Illinois Builders, Associated General Contractors of America; and James St. Clair, Chicago, executive secretary, Concrete Contractors Association.

JOHN C. VAN BALEN, ARCHITECT. has opened an office in the Wedge Building at North Valley Road and Lin coln Highway, Paoli, Penna. Mr. Van Balen formerly was the Architect for Certain-teed Bestwall Gypsum Co. of Ardmore, Penna. He designed its Ad ministration building at Ardmore, Pa., Paper and Felt Mill at Pryor, Oklahoma, Roofing Plants at Dallas, Texas and Ta coma, Washington as well as various additions to its gypsum and roofing plant

His more recent designs consisted of a 24-lane bowling alley, store and office building at Devon, Penna, and 16-lane bowling building at Kennett Square and Residential development at Willistown Acres, Paoli, Penna.

Mr. Van Balen holds certificates to practice in Iowa, Illinois, Pennsylvania, Texas and Wisconsin.

### Architectural Trends Part--I

By Jan Reiner

This is the first of a series of articles by Architect Jan Reiner, formerly of Boston, who is now practicing architecture in New Port Richey, Fla. A graduate of Harvard University and a recipient of an AIA fellowship, Reiner spent two years as a student with Le Corbusier in Paris and another two years with Ove Bank in Oslo. He practiced architecture in California and Massachusetts before going to Florida last year.

Architecture is the art of creating a physical background for a way of life. It encompasses a wide range of forms and designs, from the intimacy of a house plan to the comprehensiveness of a regional layout.

Although architecture is produced by individuals, it is a social art because it sums up and reflects the beliefs and ideologies of a time. Through the interplay of shapes and forms, which affect as by their delicacy of force, their optimism or serenity, architecture makes visible the life of a time.

Specific ideologies produce specific building forms and ornaments reflecting the prevailing philosophy of life. Architecture thus gives visual form to a civilization, so that, centuries later, that civilization is known and evaluated by that form.

Mature societies produce their own forms — their distinct styles of architecture. Generations later, these styles become part of the public domain. Like all great art, architecture belongs to all mankind. But societies that did not ripen into mature civilizations did not produce a distinct architecture. They borrowed one. Ancient Rome borrowed from classical Greece, and 19th Century America borrowed from art-conscious Europe.

The charm of travel is partly derived from seeing various styles of architecture, which reflect various ways of living and building. Man's images of his world are recreated in his domes, colonnades, courtyards, and his town-walls and village-greens. Here architecture, "the mother of the arts," acts as a three-dimensional mirror, revealing bygone civilizations and building technologies.

Since architecture springs from technological reality and often from economic necessity, it must inevitably go beyond the symbolic and decorative. Art and technology — both in a state of perpetual growth — must complement each other. They unite, much in the way that intuition and reason do. Intuition.

like a design concept, is free and boundless, while reason, like an engineering computation, is based on experience and always works within limited bounds.

Nature gave man his basic building materials. The forest provided logs and boards, which suggested post and beam construction and resulted in rectilinear styles of architecture. Clay deposits inspired the production of brick and the invention of the vault and dome, and this, in turn, contributed to the plastic styles of architecture.

In our own age, these are being superseded by concrete and steel skeleton frames clad with light-weight curtain walls. In the appearance of buildings, this historic transition is reflected in a gradual change from heaviness to weightlessness.

A landscape setting has always been the background against which man sculptured his buildings. A mysterious rock or tree formation may have inspired a shrine; a meadow with a winding stream a homestead; a mountain ridge or a river bend a protected settlement. For ages, the crossing of trade routes and waterways prompted the foundation of commercial and industrial communities.

Climate has always influenced the shape of buildings: a window size or an eave projection must always be suited to local sun and rain. And climate has also influenced the layout of cities; the direction and width of streets were not always accidents — often they were influenced by prevailing winds and rains just as much as by the topography of the land and the life and traffic on that land

With the advent of the 20th century, technology and the emergence of the "one world" concept, architecture today -like man today-is on its way to becoming a world citizen. Mass-production and mass-distribution, the two trademarks of an industrialized society. are beginning to replace regional styles of architecture with a mechanized uniformity. Like modern airplanes, modern cities are beginning to look alike-both downtowns and suburbs. The architectural differences which now exist reflect primarily the degree of industrialization which a country has reached, rather than specific regional trends. And yet, in the long run, it is these regional aspects with their ethnic, climatic, and landscape nuances which will be the seed from which a new architectural tradition will grow. It will crystallize within the orbit of new potentialities of metal, concrete, wood, glass and plastics, together with new ways of massproducing and new concepts of land use.

THE DEPARTMENT OF PROFESSION-AL RELATIONS, THE AMERICAN IN-STITUTE OF ARCHITECTS has announced the results of its 1959 Public Relations Survey. Questionnaires were sent to 141 chapters and state organizations of the Institute, and 78 replies were received. Of the 78, 48 have definite public relations budgets.

Thirty-one of those reporting have budgets of \$500 or more. They are: Michigan Society of Architects \$6750 Architects Society of Ohio \$3775 Central New York \$3000 Potomac Valley \$2400 Cleveland \$2000 Alabama \$1800 Eastern Ohio \$1800 Kansas City, Mo. \$1750 Arkansas \$1000 Buffalo-Western New York \$1000 Detroit \$1000 Middle Tennessee \$1000 Washington State \$950 Virginia \$750 Washington-Metropolitan \$700 Hawaii \$700 San Antonio \$600 Southern Arizona Florida Association of Architects \$500 Orange County, California \$500

A SEMINAR FOR ARCHITECTS AND ARTISTS will be held at the University of Notre Dame August 24 and 25, 1959.

Subject will be Church Structure and Participation of the Mass, in accordance with instruction of the Congregation Rites, September 3, 1958, insofar as it affects the subject

Speakers will be His Eminence, Glacome Cardinal Lercaro, of Italy; Rev. Patrick O'Donnell, of Glenmary Home Missioners; Rev. Dr. Cornelius A. Bouman, Catholic University of Niimegen, The Netherlands; Mr. Robert A. Leader, Artist and Mrs. Leonard O'Connor.

There will also be an exhibition of designs for new churches to fulfill, with maximum effectiveness, the requirements of the instruction of the Congregation of Rites, September 3, 1958.

Further information may be obtained from Mr. Frank Montana, A.I.A., Head, Department of Architecture, University of Notre Dame, Notre Dame, Indiana. DETROIT

CHAPTER

ANNUAL

**AMERICAN** 

INSTITUTE OF

ARCHITECTS

The Detroit Chapter, A.I.A. Announces an Annual Awards Program

for Buildings Completed during the Previous Calendar Year.

# AWARDS PROGRAM

Purpose

To recognize and publicize good design by Chapter members.

Eligibility

Any building designed by a corporate member of the Chapter and constructed in Michigan during 1958 may be submitted. Members of the jury are not eligible.

Awards

Awards will be based on excellence of design. There will be a first award for "Best Design of the Year." A second award for "Excellent Design," and two additional "Honorable Mentions." Awards will consist of a plaque suitable for mounting on the wall.

Submissions Entries shall be mounted on a 20" x 30" sheet of illustration board used vertically. Each submission shall include and be limited to the following:

- A) 8" x 10" Photograph of the site plan.
- B) 8" x 10" Photograph of the floor plan or plans.
- C) 8" x 10" Photograph of the exterior of the building.
- D) 8" x 10" typewritten sheet containing information the architect considers pertinent.
- E) Optional—One additional 8" x 10" photograph of either the interior or exterior of the building.

Deadline

All submissions must be received at the Detroit Institute of Arts receiving room by September 4, 1959. Judgment will take place in time for the awards to be presented at the Chapter's October meeting. Note change from September 18 as given in our July issue.

Jury

The Jury will be composed of: Harold Binder, A.I.A.; Prof. L. Robert Blakeslee, A.I.A.; Prof. William Muschenheim, A.I.A.; Prof. Earl W. Pellerin, A.I.A.; Prof. Walter B. Sanders, A.I.A.

Mr. Talmage C. Hughes, F.A.I.A., will serve as professional adviser.

In subsequent years, the previous year's award-winners plus the Chairman of the Education Committee for the Chapter will serve as jurors.

**Entry Fee** 

There will be an entry fee of five dollars for each submission. Checks should be made payable to the Detroit Chapter, A.I.A. and sent under separate cover to Talmage C. Hughes, F.A.I.A., 120 Madison Avenue, Detroit 26.

### MSA 16th Annual Midsummer Conference



Engineers and the Arms can Second Com Francisco



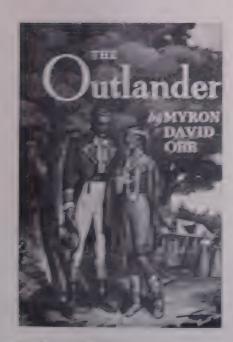
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# MSA

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# GRAND HOTEL

# Program

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# Heads Women's Activities for MSA Conference at Grand Hotel

MRS. FREDERICK JOHN SCHOETTLEY

LADIES' ACTIVITIES for the Michigan Society of Architects' 46th Annual Midsummer Conference at Grand Hotel, Mackinac Island, will be headed by Mrs. Frederick John Schoettley as chairman. Her co-chairmen are Mrs. LaVern James Nelsen and Mrs. James Barr Morison.

Others on the committee are Mrs. John N. Richards, Mrs. Frederick E. Wigen, Mrs. Charles V. Opdyke, Mrs. Robert F. Hastings, Mrs. G. Walter Scott, Mrs. John O. Blair, Mrs. J. Robert F. Swanson, Mrs. Raymond S. Kastendieck, Mrs. Talmage C. Hughes, Mrs. Marshall Fredericks, Mrs. Robert B. Frantz, Mrs. Harold Broock, Mrs. William H. Odell.

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# ARCHITECTONICS Western Michigan Chapter, A.I.A.

### **IMPRESSIONS**

New Orleans, Convention, Mexico, Mayan Ruins of the Yucatan by Howard E. DeWolf, A.I.A., of Lansing, Mich., Secretary, Western Michigan Chapter, A.I.A.

### New Orleans

"... a city of contrast," heard repeated many times, and it is true. The residents should be and are proud of many things their city has. First of all, they have a truly devoted mayor in de Lesseps Morrison who, with the aid of 20 minutes of film, tells the story of restoration, revitalizing and replanning of 241-year-old New Orleans in the past 12 years. It has been made to rank among the first in seaport facilities (2 billion dollars in international trade per year), new industries (over 40 new multi-million dollar industries have begun), and construction (over 100 million dollars per year).

Their replanning is typified in the expression given the civic center complex. The new City Hall, State Office Building, State Supreme Court of Louisiana, Civil Courts Building and the beautiful public library (an award-winner by Curtis and Davis, Architects) all have sprung from soil that supported slums but a few years ago.

Not only Jackson Square, the French Quarter, Pirates' Alley artists and bright lights, but also this "new" New Orleans —this is what captivated the convention architect this year.

### Convention

After special preconvention meetings and tours were completed the keynote speaker, Edward B. Stone, FAIA, left many good comments as food for thought. Some highlights out of context:

We do not have developed in the United States an appreciation of beauty.

We are ready for a renaissance to arts.

Less than one third of the country's construction is designed by architects.

Individual architect designs average of two buildings per year—50 perhaps in lifetime—not recognized before 40 to 50 years of age.

We need new concept in row housing, trees instead of billboards on our highways, green areas without motor traffic within metropolitan centers.

To some architects redwood is God's gift to man.

Standardization will result in stagnation and mediocrity.

Need is for national Secretary equal to that of Secretary of Agriculture with outposts in each state.

Let it be said that the architects of our generation were proprietors who brought a great age into being.

Quick description of convention: well attended (over 2200 registered), excellent products exihibit, too many coffee breaks (for coffee), insufficient time available for excellent nationally known panel members to more thoroughly develop their subjects and views, wonderful hosts and food and entertainment (including plantation house tours and a night of jazz on board ship in the Mississippi).

### Mexico

"... a country of contrast." Never a more true word spoken. Their land reform dealt good and bad. For those who work very, very hard in some areas it is possible for them to make a living; for those who work hard only, an existence. An unplanned side trip to little-known falls "El Salto," a short drive west from Antiguo Morelos on Route No. 85, was a trip highlight. The beautiful but difficult-to-drive mountain trip on Route No. 85 south from Tamazunchale, across the state of Hidalgo, was a trip highlight.

Mexico City appears as a sprawling, complex, uncoordinated metropolis with carefree drivers of an "if I get there before you do" attitude (a keenly competitive sport). It has a glorious past and a bright somewhat garish present. Dwelling on architecture—first impression of structure in design and function is very

good. However, using U.S. quality of construction as a basis, the building industry of Mexico has many miles to go in training trades to care enough to give 50% of their best. This plague of passive attitude seems to beset all the country that was viewed. The University of Mexico is already in need of major maintenance this day and one wonders of its condition in 25 years!

Cuernavaca, noted for its markets of colorfully woven huaraches and straw hats of every description, has narrow streets, crowded shops, street box bartering at the square and a colorful street market.

Taxco, probably the oldest mining town of North America, it is the silver city of Mexico. Most notable: cobblestone streets, narrow and steep, difficult for the burro and huarache, most buildings built without benefit of a square but almost all with red tiled roof. Church of Santa Prisca y San Sebastian, with colorful tiled dome and intricate facade sculpture. One silver shop in particular, Castillos-Spratling, will long be remembered for its beautifully executed art in jewelery, expensive but a treasure.

### Mayan Ruins

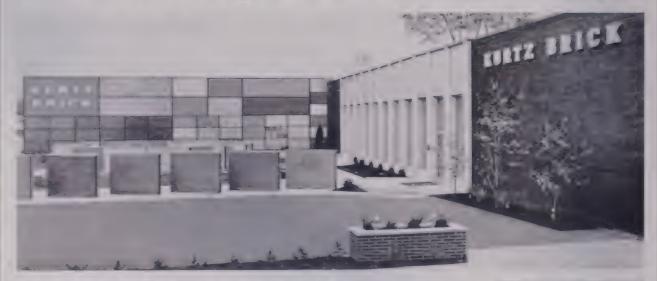
Chichen Itza (chee-CHEHN-it-sah), Uxman (oos-MAHL) and Dzibilchaltun (dzeez - eel - shall - TUNE), probably the three most highly developed cities of the Mayan civilization, are located within 75 miles of one another in the state of Yucatan, Mexico. At Chichen Itza, in ruins covering a six square mile area, the most impressive for its size is the Castle, pyramid with nine receding terraces. The Caracol, with spiral steps inside, used as an observatory, is also one of the best preserved ruins. The Temple of the Warriors, with its one thousand-column court, is a notable structure built over an earlier edifice, the Temple of Chacmool, both built near

Below is shown the Temple of Guerreros at Chichen Itza, Yucatan, Mexico, and at right a view of some of the ruins.





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# MSA

Board Meeting

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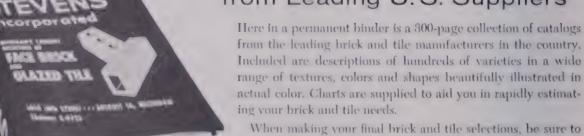
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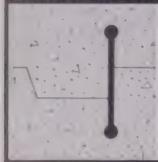
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### CHAPTER. DETROIT

S. GLEN PAULSEN, A.I.A. has opened his office for the practice of architecture at 176 North Woodward Avenue in Birmingham, Michigan.

Paulsen attended the University of Illinois for four years and received his bachelor of architecture from the University of Pennsylvania in 1947 where he subsequently taught architectural courses. In 1948 he received his diploma in architecture and city planning from the Royal Academy of Arts in Stockholm, Sweden.

From 1949 to 1951 and again from 1953 to 1958 he was with Eero Saarinen & Associates, Architects of Birmingham. The intervening time he spent in New York City with Knoll Associates. At present he is a part-time associate professor of architecture at the College of Architecture and Design at the University of Michigan.

Paulsen has designed many homes in Oakland County and his own home at 6239 Eastmoor, Birmingham was featured in Better Homes and Gardens.

LYNDON WELCH, AIA, of Eberle M. Smith Associates, Inc., Architects & Engineers, is a son of Joseph N. Welch, nationally famous Boston attorney, counsel in the Army-McCarthy hearings, who played the part of the judge in the film, "Anatomy of a Murder," which was filmed in Michigan's Upper Peninsula and had its premiere at Detroit's United Artists Theatre.

At a recent meeting of the Detroit Rotary Club, Joseph N. Welch was the speaker, and Lyndon sat at the speakers' table with him.

Lyndon recently became the 500th member of the Detroit Chapter, American Institute of Architects.

ERNEST N. BECKER, ROBERT D. CHAMPLIN, LORAIN D. CORNELL and BURTON L. KAMPNER, have become corporate members of the American Institute of Architects and assigned to the Detroit Chapter.

Becker, a 1934 graduate of Chadsev High School took I.C.S. Courses at home to complete his professional education. He has been employed with Bennett & Straight, Inc. architects since 1949.

Champlin, received his professional education at the University of Cincinnati in Ohio. He is at present a designer and job captain with Earl L. Confer, architect of Detroit.

Cornell, a 1939 graduate of the College of Architecture and Design, University of Michigan, is presently employed as a designer with the Detroit firm of Harley. Ellington & Day, Inc., Architects ....

Kampner, also a graduate of the Uni versity of Michigan, is now associated with the Detroit Architectural firm of Eberle M. Smith Associates, Inc.

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BENNETT AND STRAIGHT, INC., ASSOCIATED ARCHITECTS AND ENGINEERS. Dearborn, Michigan, announce the appointment of Kurt A. Weber as an associate in charge of Architectural Design.

Mr. Weber, born in Dusseldorf, Germany, graduated from the State College, Wuppertal, Germany, with a B.A. in Architectural-Engineering.

He was engaged in Germany by the firm of Frommer & Huenninghaus, Architects; as a Supervising Engineer and Architect with a General Contractor, and handled numerous assignments on churches, apartment houses, etc., as well as planning and contact work among Owner, Government Authorities and Executors. He also operated his own office in Germany.

Since entering the United States in 1956, Mr. Weber was engaged by a Detroit firm of Architects as a draftsman and designer. He joined Bennett and Straight, Inc., in 1958. He has attended classes at Wayne State University and the University of Michigan Extension Service in various subjects.

Mr. Weber has traveled extensively throughout France, Spain, Spanish Morocco, Switzerland, Italy, Greece and the Benelux States and Denmark.

He is a member of B.D.G. (Bund, Dtsch, Baumeister), the Archeaological Institute of America, International Institute of Detroit, and the Rackham Symphony Choir, an Associate Member, Detroit Chapter, A.I.A.

The firm also announces the addition to its staff of Lester G. Larkin as specification writer and Fred H. Carne to the position of Project Director.

### Correction

In announcing the election to AIA membership in the Western Michigan Chapter of Adrian R. Noordhoek, of Kalamazoo, we stated in our July issue that Mr. Noordhoek was with the office of Louis C. Kingscott & Associates, Inc. This was an error, as Mr. Noordhoek has been with Trend Associates, Inc. since 1955.

HOSPITAL AND INSTITUTION REGULATIONS is the title of a document issued by Michigan's State Fire Marshal's office, effective May 15, 1959.

These valuable regulations should be in the hands of every architect practicing in Michigan.

The 34-page mimeographed document is in the nature of a building code for hospitals and other institutional buildings, and while the Department is not able to mail copies to all architects in Michigan, Mr. Glenroy M. Walker, Chief Fire Marshal, has agreed to furnish copies to all those who request them. Requests should be addressed to the State Fire Marshal Division, Michigan State Police, East Lansing, Michigan.

D. CODER TAYLOR, A.I.A., of Yost & Taylor, Architects, of Kenilworth, Ill., has become a non-resident member of the Michigan Society of Architects.

A native of Fort Wayne, Ind., Taylor received his bachelor of architecture degree from Carnegie Institute of Technology, in Pittsburgh. He also attended the University of Washington, in Seattle, and he traveled and studied in Central America.

Taylor, a member of the Chicago Chapter, American Institute of Architects, is registered as an architect in Illinois, Michigan, Iowa and by the National Council of Architectural Registration Boards.



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### Clarence Day Retires

CLARENCE E. DAY, A.I.A., Vice President and Director of Harley, Ellington and Day, Inc., Detroit architects and engineers, has retired after 54 years of service in the architectural field. Designer of fine residences, with individual values up to \$1,500,000, and active in the fields of college dormitories, housing projects and armories in his connection with Harley, Ellington and Day, he has long been one of the best known architects in the Detroit area.

A native Detroiter, Day started his architectural career in 1905 as a designer and draftsman in various offices of De troit architects. From 1915 to 1939, he practiced for himself and designed many of Detroit's finest residences, including homes built for W. E. Scripps, K. T. Keller, Merton Briggs and other prominent citizens of the city.

He became a partner of Harley, Ellington and Day in 1939, and was made Vice President when the firm incorporated in 1942.

He will continue to serve the firm on a consulting and advisory basis.

COMMERCIAL STANDARDS FOR WOOD WINDOWS have just been made available by the Superintendent of Documents, Government Printing Office.

The four new standards are: CS163-59, Ponderosa Pine Windows, Sash and Screens; CS190-59, Double-Hung Window Units; CS204-59, Wood Awning Window Units, and Projected Awning and Stationary Sash Units; and CS205-59, Wood Casement Window Units.

These revisions were requested by the National Woodwork Manufacturers Association. CS163-59 became effective for new production on February 20, 1959, and the other three standards became effective on February 27, 1959. Thes standards were established by the voluntary endorsement of producers, discrete minimum and the standards are described.

Copies of the 1959 editions of CS163 59 at 20 cents, CS190-59 and CS204-59 at 15 cents, and CS205-59 at 10 cents are now for sale by the Superintendent of Documents, Washington 25, D.C.

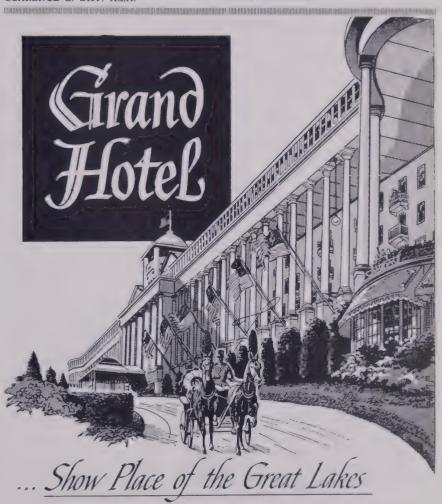


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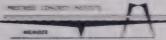
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## Korean Report

By Joseph W. Leinweber, AIA

Seoul, Korea, June 6, 1959-Report No. I from your Korean Correspondent. This is Saturday afternoon and rainy, not very good for picture taking. Of course I have been here only since Monday and cannot therefore, speak with much authority on all the Far East questions but one gets impressions, these may get commonplace later and therefore, not so interesting, so why not record them now? As I say, it is raining, it rained yesterday too and nearly everybody is using an umbrella. These are light blue plastic affairs, apparently mass produced somewhere and mass sold too because there seems to be almost as many street venders selling them as people using them. On bright days the women use gaycolored parasols. Some men do too. Over here there is a rainy season for about five or six weeks. It is due soon. It is not a heavy rain but a bit more than a mist. I talked to our Korean chauffeur yesterday and he pretty much minimized the rain—in fact he sounded like the California Chamber of Commerce. This is a fantastic land and we expect to see much of it before Hazel and I get back to Detroit 2 years hence. In some respects it is at first a bit of a shock-Oxcarts, men who carry terrific loads on their backs, women who carry bundles on their heads with their baby "Papoose" style tied to their backs and frequently bundles in each hand. Shops about 10 feet wide and at most 8 to 10 feet deep in which just all sorts of activities go on. Machine shops, auto repair, sheet metal, structural steel etc., besides food and clothing merchandising. The fronts are mostly open and the goods and operations spill out over the walks, except in many cases there are no walks. This is not the land of super markets and everybody seems to have a small business going. A few traffic

lights have just been erected, but everywhere U.S. Army and Korea cars vie with oxcarts, bicycles, pack-carriers and pedestrians for right of way, the pedestrian must run for it. The city is interesting, crowded and very busy at all times and the mountains and countryside are beautiful. There are many sub-standard homes here caused by the war and the great influx of people from the north. This is the shock and is a recognized problem from which eventually there will be correction. Thirty-five hundred new homes will be completed this year. There are many things needed and much has been accomplished in the last year. There is a type of women's dress which has been standard here for several hundred years. It is a two-piece as contrasted with Japan's one-piece. A short white lace jacket, a long skirt gathered at the waist and flaring out with folds to the heel (description supplied by Hazel). How these are kept so white and clean with unpaved paths is a mystery to every American. It is a beautiful dress, and is changed to an even more beautiful costume in the winter, for sure these clothes are an important part of their life. I understand the children are taught English in the elementary and high school grades which accounts for many of the young girls working in U.S. contractors' offices. Even in Western dress they are all in good taste. Hazel and I are much impressed with these people. With all their poverty, their faces reflect a peace, friendliness and good humor which you would rarely see on so many in any Detroit street. Since Monday I have met a number of their Government ministers. These meetings are generally over the tea table in their offices. They are most affable and one has a very warm feeling after such a visit.

The carriers of pack loads are most interesting from the kind and weights of packs carried. They use an "A" frame type of carrier which is different from any other country because of the manner of load distribution on their back (see the one in SH&G's office some time). The work of these men was most significant in the late Korean war. They carried supplies into the mountains where no jeep or mule could penetrate. Koreans are hard workers. This is a bicycle country too and much goods are moved by them. Yesterday I saw a cyclist with two big oil drums on his bike. I can't believe it yet, but he figured how to do it. Perhaps your cycling friends might try this one. On second thought, perhaps not, who knows you might start another fad of the most oil drums on a bike to take the place of most people in a 'phone booth. The story of the 25 cent haircut is true. Many

things through American services are reasonable in cost. Some items through native sources can be expensive.

Our home which we expect to occupy in about 10 days is on a 200-ft. bluff overlooking a bend in the Han River. A beautiful vista, as many other homes here built on the hills overlooking the city. Incidentally, Seoul has a population of about  $1\frac{9}{4}$  million.

Most architects in Detroit know Fred Strauss and it seems that almost everyone here does too. Fred is really a credit to the profession on the hospital job he is doing for SH&G here. He is very active locally. One thing he is accomplishing for Korean contractors is control of concrete mixes on his job. Usual controls were "by guess" and "by gosh." The change was accomplished with the contractor with much difficulty. They resisted until Fred got some wheelbarrows on the job, an unheard-of vehicle here since all loads are carried. A practical demonstration took place in which Fred and the president of the hospital board each pushed barrows to fill the mixing hopper. The contractor is now sold on control methods. I am told Fred will go down in history as the man who introduced the wheel-barrow to Korea. On the way over we met another architect known to Detroiters, namely Dick Dennis who is in business with two other architects in Honolulu. We were entertained by Dick and his very charming wife Hope. Dick has a home on the steep side of one of the mountains. A very interesting home with a beautiful view of a Hawaiian mountain valley. I did so much want to photograph his home but the only way, I figured it could be done was by helicopter. Dick and his firm are doing some very fine work. They mix some play with it however because each take two hours for lunch and surf-board duty. They take one month for vacation except on each third year they take three months. On one of the latter vacations Dick, Hope and a friend sailed to Tahiti, a trip of 28 days. Oh for the life of a Hawaiian

Please remember Hazel and me to all our USA friends, the girls at WALD—God bless them—and to the boys at Detroit, Saginaw Valley and Western Michigan chapters. Tell Rog Allen I have not forgotten about the story I promised him.

Now you see what can happen when it rains on a Saturday afternoon in Kořea.—KUM KANG HA KI BARAM NI DA—JOSEPH W. LEINWEBER, Smith, Hinchman & Grylls, Associates, Inc., Korea Joint Venture, UNC/OEC/SHG, APO 301, c/o Postmaster, San Francisco, Calif.



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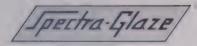




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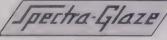
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August '59 Monthly Bulletin

## Golf League Tournament

#### Golf Schedule

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Sept. 15—Plum Hollow Country Club, Detroit, Mich.

Oct. 13—Dearborn Country Club, Dearborn, Mich.



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#### BUILDING DESIGN AFFECTS MAINTENANCE COSTS — by A. G. Hann, Hillyard Sales Co. (Eastern)

When owners change their architects. many times it is for reasons that would surprise the architect. Little things like high "maintenance" costs of a building may be one reason. These costs may be caused by

- 1. Too much glass window in classrooms and halls that cause
  - a. Added window cleaning expense.
  - b. Floor color fading and yellowing.
  - c. Extra draperies and shades.
  - d. Night shifts of workers for maintenance.
  - e. Broken window repairment cost.
  - f. Heat loss.
  - g. Glare reflection and heat discomfort.
- 2. Poor selection of floor materials for given greas.
- 3. Selection of floor material that fades and yellows.
- 4. Improper or no initial floor seal and treatment specified in the contract.
- 5. Insufficient and improperly placed custodial rooms, too small to house cleaning material and equipment for efficient maintenance work.

Architects should definitely specify the

"initial" treatment of floors, because they are as essential to the long life of the floor as is the floor material itself. The architects field man should see that no substitution is made without the architect specification writers' approval. Most contractors are interested in a good job but depend on a good specification as to how well the floor will maintain, or how it will please the owner, over a long period of years.

Slate, terrazzo and marble floors should be cleaned with a good neutral cleaner, then sealed with a deep penetrating sealer, (not a surface seal) to bring out color, fill the pores, and prevent the flaking, pitting and erosion, which is caused by weather and harsh cleaners if the floor is not sealed.

Asphalt tile, vinyl, cork and linoleum after it has been laid, should be coated with a neutral cleaner 50-50 solution. rather than wax. This coating will protect the floor against other trades during the building operation. Then when the building is to be turned over to the owner, it is a simple matter for the contractor or the owner to mop off all dirt marks and protective cleaner, and add wax to the clean surface.

Gym floor finishes are chosen for toughness, lightness of color, co-efficient of friction, and non-porous surface. All these features are essential to continued easy maintenance and durability. The specification should require the floor contractor to protect the finish with a generous sprinkling of sawdust treated with "Hil-Tone," or red resin paper, so that other trades working on the floor will not scratch it.

The concrete floor specification should call for one of the newer "one operation" cure and seal liquids that can be sprayed on immediately after the concrete is hard enough to walk on. They cost a few cents more per gallon, but save more than their cost by eliminating return trips and extra labor. Many narrow-minded contractors fight the use of these materials until they try them and then find they save considerable on labor, and get better-looking jobs, with more permanent results.

There are many maintenance organizations and maintenance material suppliers who will be glad to work with architects, to help them in the design of buildings that would reduce excessive continued maintenance costs.

THE COUNCIL will give a Cocktail Party on Saturday, August 8 at 5:30 p.m., preceding the 16th Annual Mid-summer Conference Banquet of the Michigan Society of Architects at Grand Hotel, Mackinac Island.

Vice President C. Russell Wentworth is Chairman for the event. Included on his committee to make the party a huge success are Charles Thornton, Eugene Hannum, Charles Trambauer, Fred Muller, James Norton, Robert Adam, Edward Parker, Joe Rosseau and Charles Mock.



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(Continued on Page 47)



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TWIN-MILL BRAND WATERPROOFING LAMINATE

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# Acorn Iron Works

INCORPORATED

FABRICATORS & ERECTORS OF STRUCTURAL STEEL AND MISCELLANEOUS IRON

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## Products News

THE SUPERSINE COMPANY of Detroit, Michigan has announced expansion of its facilities and services to better provide the architectural and building trades. As part of this expansion, the company recently took on representation of the well-known Wendell August Forge line of fixtures for construction and remodeling, and its custom applications for hand forged aluminum.

The Wendell August Forge success story goes back to 1929, when architects plans for the new ALCOA Research Building called for imposing entrance gates made of cast aluminum. Wendell August, blacksmith shop owner, asked for a chance to bid—but on the basis of hand forging aluminum bars. He got the job, and when the architect saw their beautiful handwork, and spread the word, other orders followed . . . and Wendell August Forge, Inc. was started. Since that time, the company has been forging metals for the nation's

leading architects, with primary work areas in banks, clubs, and churches.

Wendell August Forge, Inc. is located in Grove City, Pennsylvania.

RAY T. LYONS COMPANY announces the appointment of Carl W. Asmus as Sales Engineer, to replace Kenneth A. McDonald, who has moved to Phoenix, Arizona.

Asmus has a wide acquaintance in the Architectural and Contracting fields through his long association with the Central Cut Stone Company and Cinder Block, Inc., of Detroit.

#### Glass Problems

(Continued from page 45)

We recommend you always consider first the wind load the glass will be subjected to on all exterior elevations.

We suggest you think in terms of at least a 65 mile-per-hour wind load for Detroit and wind velocities are available for other locations throughout the United States and overseas. Our wind load charts are readily available in Sweet's and in our technical data books.

The thickness and maximum area of the glass will be governed by the wind load chart. This chart has been adopted

officially as a part of the Ohio State Building Code and the chart is incorporated in the glazing manual of the Flat Glass Jobbers Association—1958.

Following is a general guide:\*
Heat Treated Spandrelite (Polished or Rough Finish)

Maximum Size 72" x 144" Maximum Area 72 sq. feet.

Twindow 1/4" Polished Plate—1/2" Airspace—1/4" Polish Plate—Total Thickness 1".

Maximum Size—70 sq. ft.

Maximum Side-144"

(Use these maximums for Polished Plate 1/4" Thick)

Twindow same as above except **exterior** plate is  $\frac{1}{4}$ " heat absorbing Solex glass.

Maximum Area—50 sq. ft.

Maximum Side—144"\*

Heavy Sheet 3/16" thick-

Maximum Area-41 sq. ft.

Maximum Height—75"

Heavy Sheet 7/32" thick-

Maximum Area—65 sq. ft.

Maximum Height-75"\*

1/8" thick Clear Glass-

Maximum Area 7 to 10 sq. ft.\*

Maximum Height-70"

\*Consult us for special requirements.

The maximum height or width is an individual problem.

## PHOTO ILLUSTRATORS, Inc.

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GENERAL BUILDERS



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## Bulletin Board

AT THE DETROIT ATHLETIC CLUB

the house committee was plagued with complaints from a member who didn't like the prunes that were served in the dining room. The Club went to great pains to purchase the biggest, juiciest, most expensive prunes that could be found, but the grouch was still dissatisfied.

The matter was brought before the club's board of directors and one of them hit on a solution.

"The trouble is that this guy is a Johnny-Come-Lately who made his money overnight and he's not used to good food," the director said. "Instead of serving him expensive prunes, send somebody to a little grocery store in the poorest section of town and get him the cheapest, smallest and hardest prunes you can find."

Sure enough, when the puny prunes were put before the complainer, he pronounced them excellent.

THE BURGLARS were busy in a men's store.

"Look at the prices of these suits!" exclaimed one. "Downright robbery, ain't it?"

SIGN outside a New Orleans night spot: "Dante's Inferno—Air Conditioned."

THOSE WHO DESIGN FOR A LIVING

must still put up with those who run up a shack of no design and live in it.

**DEFT-NITION:** Court—A place to put air conditioning equipment.

STYLE NOTE: Lothario, to his girl friend, wearing a sack dress: "Honey, is that the latest style, or is we in trouble?"

CASEY STENGEL, picturesque manager of the New York Yankees, is a great one for masking his wisdom with wit. Says he: "Never trade a player because he's a drunk. Chances are he'll get so sore at you he'll give up drinking and every time you play against him he'll murder you."

**SERVICE MAN** from gas company, to lady who answered bell: "I hear that something in your house is not working properly."

"Oh, come right in. He's upstairs."

ALEXANDER WOOLLCOTT once said of Harold Ross, editor of The New Yorker:

"He is a homely man who looks like a dishonest Abe Lincoln."

THREE LADIES were discussing what they would wear to the country club dance that evening.

"We're supposed to wear something to match our husbands' hair, so I'm going to wear black," said Mrs. Smith.

"My husband has red hair, I'll wear my red dress," said Mrs. Brown.

"Goodness," gasped Mrs. Jones, "I don't think I'll go."

AS IF PUTTING A NICKEL IN A JUKE

BOX to get a moment of silence, the Saturday Review got good results from the following letter:

Dear Subscriber:

(Text omitted at the suggestion of the Society for the suppression of cheery renewal letters.)

Sincerely

George Emerson For Saturday Review

Of course, Mr. Emerson added a PS: We left out the usual letter, which most people don't read anyway. Chances are you don't need to be reminded that your SR subscription is up for renewal."

Don't think we'll use that for the Bulletin, though. You can fool some of the people some of the time, and that's good enough for us.

DELUXE CARPETED OFFICE space in the office of commercial real estate broker, utilities included, plus limited secretarial service. Byron W. Trerice, 19830 James Couzens Highway. Vermont 8-6700.

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# FIRESIDE

# PRINTING & PUBLISHING

# COMPANY

Magazine and Program Specialists



Naturally home buyers are impressed

# **Built-in** gas ranges give them so much more for so much less!

So much more convenience with the open kitchen plans you can use, thanks to space-saving countertop gas ranges and wall gas ovens. Fully automatic operation features the famous "burner with the brain". The housewife gets cooking temperatures instantly, can change them instantly, can control them exactly.

So much less kitchen fuel cost, thanks to the much, much lower rates for clean, silent natural gas. So much less in installation and maintenance cost, too, thanks to the ultra-simplicity with which gas

appliance fuel lines can be put in and serviced.

Can this built-in sales appeal serve you? It certainly can. Your prospects are already sold on the advantages of gas. Combine handsome gasfired built-ins with the eye-appeal of a modern, functional floor plan—you have a sizable sales plus. Get the full story on gas appliances for the kitchen. Call us at WOodward 5-8000. Ask about other gas fueled equipment, also. Many of the same advantages apply.

MICHIGAN CONSOLIDATED GAS COMPANY

# So much more for so much less-GAS naturally

Tune in "BUSINESS BAROMETER"-WJR, Monday through Friday-6:50-7:00 P.M.

## You create the design...



Architect's rendering of manufacturing and warehousing building at Logan, Ohio, for Metalbestos Division, William Wallace Co., Belmont, California,

# Marietta precast concrete components achieve the effects you want... save days of erection time!



Office for Metalbestos building features handsome design with Marietta wall panels accenting front window area. Office was erected in  $2 \frac{1}{2}$  days, entire basic structure of the 57,000 sq. ft. building was erected with precast components by Marietta's own crews in just 11 working days.



Crew quickly erects Marietta wall panels with help of crane. Note variety of Marietta components used in Metalbestos building: White broomed finish panels (center) tie into precast foundation grade beam and roof beam, precast column supports colorful brown exposed aggregate panel with cast-in window opening. Steel shortages can't slow construction when you build with Marietta components.

There are no shackles on your imagination when you select Marietta precast concrete wall panels and structural components. You're free to create the design treatments you want. But that's not all.

Marietta precast and prestressed concrete components cut days from erection schedules over conventional materials. For example, it's no trouble at all to erect 4,000 sq. ft. of finished insulated wall with Marietta precast wall panels in one day. And, in the case of the Metalbestos building, Marietta Double Tee roof slab and struc-

ture system was installed at the rate of 1000 sq. ft. per hour. In addition, steel delays and worries are eliminated when you specify Marietta precast and prestressed concrete foundation grade beams, columns and roof beams. Using Marietta concrete structural components, the Metalbestos building was completed just 3 months after design began. This is something of a record for buildings of this size.

For information and specifications about Marietta precast and prestressed concrete building components, write us today.



Shown at the site (L to R) Roy Loomis, William Loomis & Sons, Logan, Ohio, General Contractor; Richard C. Adams, Marietta, Ohio, Architect; Jack Gray, Project Engineer, William Wallace Co-